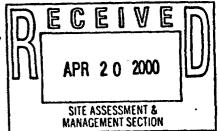


United States Environmental Protection Agency Region 6 Environmental Services Branch Laboratory 10625 Fallstone, Houston, Texas 77099



Final Analytical Report

Site Name	Old Brazos Forge
CERCLIS Number	TXD048901235
Sample Collection Date	March 16, 2000
Laboratory Sample Identification	
Contact	Bill Rhotenberry (6SF-RA)
Report Date	

Report Narrative:

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

The laboratory routinely disposes of samples 90 days after all analysis has been completed. If you have a need to hold these samples in custody longer than 90 days, please send an e-mail to Larry Streck <u>Streck.Larry@epa.gov</u> within the next 30 days briefly stating your need to hold these samples in custody.

Report Approvals:

David Stockton

Deputy Branch Chief (Acting)

962108



Douglas A. Lipka

Region 6 Laboratory Branch Chief



United States Environmental Protection Agency Region 6 Environmental Services Branch Laboratory 10625 Fallstone, Houston, Texas 77099

Final Analytical Report

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QC RESULTS		9
CHAIN OF CUSTODY		10



U. S. Environmental Protection Agency Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2401

Description

Source: OLD BRAZOS FORGE

Site Description:

GW-10b

Date/Time Received: 3/17/2000

/17/2000 09:00 AM

Date Completed 4/4/2000

Date/Time Collected:

3/16/2000

12:45 PM

Sample Type:

LIQUID

Comments:

-

Parameter LIMS

LOW LEVEL ICP/MS

US EPA REGION 6 LABORATORY

SAMPLE #:

0T5BCW24-01

SOURCE:

OLD BRAZOS FORGE

MATRIX

AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS:

BB

PARAMETER CONC	ENTRATION	DETECTION LIMIT <=	UNITS	METHOD		
ANTIMONY	ND	2.0	UG/L	200.8		
ARSENIC	4.4	2.0	UG/L	200.8		
CHROMIUM	ŅD	2.0	UG/L	200.8		
VANADIUM	ND	2.0	UG/L	200.8		

ND: LESS THAN DETECTION LIMIT



U. S. Environmental Protection Agency Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2402

Source:	OLD BRAZOS FORGE								
Site Description:	GW-12b		·						
Date/Time Received:	3/17/2000 09:00 AM	Date Completed	4/4/2000						
Date/Time Collected:	3/16/2000								
Sample Type:	LIQUID								
Comments:									

Parameter LIMS

LOW LEVEL ICP/MS

Description

US EPA REGION 6 LABORATORY

SAMPLE #:

0T5BCW24-02

SOURCE:

OLD BRAZOS FORGE

MATRIX

AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS:

BB

PARAMETER CONC	ENTRATION	DETECTION LIMIT <=	UNITS	METHOD		
ANTIMONY	ND	2.0	UG/L	200.8		
ARSENIC	ND	2.0	UG/L	200.8		
CHROMIUM	3.5	2.0	UG/L	200.8		
VANADIUM	ND	2.0	UG/L	200.8		

ND: LESS THAN DETECTION LIMIT



U. S. Environmental Protection Agency Region 6 Houston Laboratory

Report For Sample Number 0T5BCW2403

Source: OLD BRAZOS FORGE

Site Description: GW 44

GW-11b

Date/Time Received: 3/17/2000

/17/2000 09:00 AM

Date Completed 4/4/2000

Date/Time Collected:

3/16/2000 12:00 PM

Sample Type:

LIQUID

Comments:

Parameter

LIMS

LOW LEVEL ICP/MS

Description

US EPA REGION 6 LABORATORY

SAMPLE #:

0T5BCW24-03

SOURCE:

OLD BRAZOS FORGE

MATRIX

AQUEOUS

DATES ANALYZED: 23-MAR-00

ANALYSTS:

BB

PARAMETER CONC		DETECTION LIMIT <=	UNITS	METHOD
ANTIMONY	ND	2.0	UG/L	200.8
ARSENIC	ND	2.0	UG/L	200.8
CHROMIUM	3.3	2.0	UG/L	200.8
VANADIUM	ND	2.0	UG/L	200.8

ND: LESS THAN DETECTION LIMIT

U.S. EPA Region 6 Laboratory **Quality Control Report - Metals Laboratory**

Site Name:

OLD BRAZOS FORGE

Sample #:

0T5BCW2401

Date Received:

17-Mar-00

Date Reported:

30-Mar-00

Quality Control for Sample Numbers:

0T5BCW2401-03 AQ

			Analysis:	ICPMS (BB)			
			Spike Added	20 ug/l			
	Spiked	Spiked Oup.			Relative		
Analyte	Sample	Sample	Blank	Percent	Percent	Sample	LCS
	Result	Result	Result	Recovery	Difference	Result	
Sb 123	5.37	5.2	DL	106%	2.8	0.09	100%
As 75	6.00	6.0	l DL	98%	0.2	1 1.10	93%
	1	1				1 '	00.0
Cr 52	4.85	4.7	DL	92%	3.4	0.27	98%
Cr 52 V 51	4.85 4.28	4.7 4.2	DL DL			1	

ALL SAMPLES AND SPIKES @ 1:4 DILUTION

DL= Detection Limits

Acceptable Percent Recovery Range = 75-125% Acceptable Relative Percent Difference = < 20

OFFICIAL CHAIN OF CUSTODY RECORD

REGION 6
1445 Ross Avenue, Suite 1200
Dalles Tayes 75202-2733

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